

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010523\
 Data File : VN076116.D
 Acq On : 05 Jan 2023 17:16
 Operator : JC\MD
 Sample : 01044-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-SAMPLE-TANK-10-34-35

Quant Time: Jan 05 23:51:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

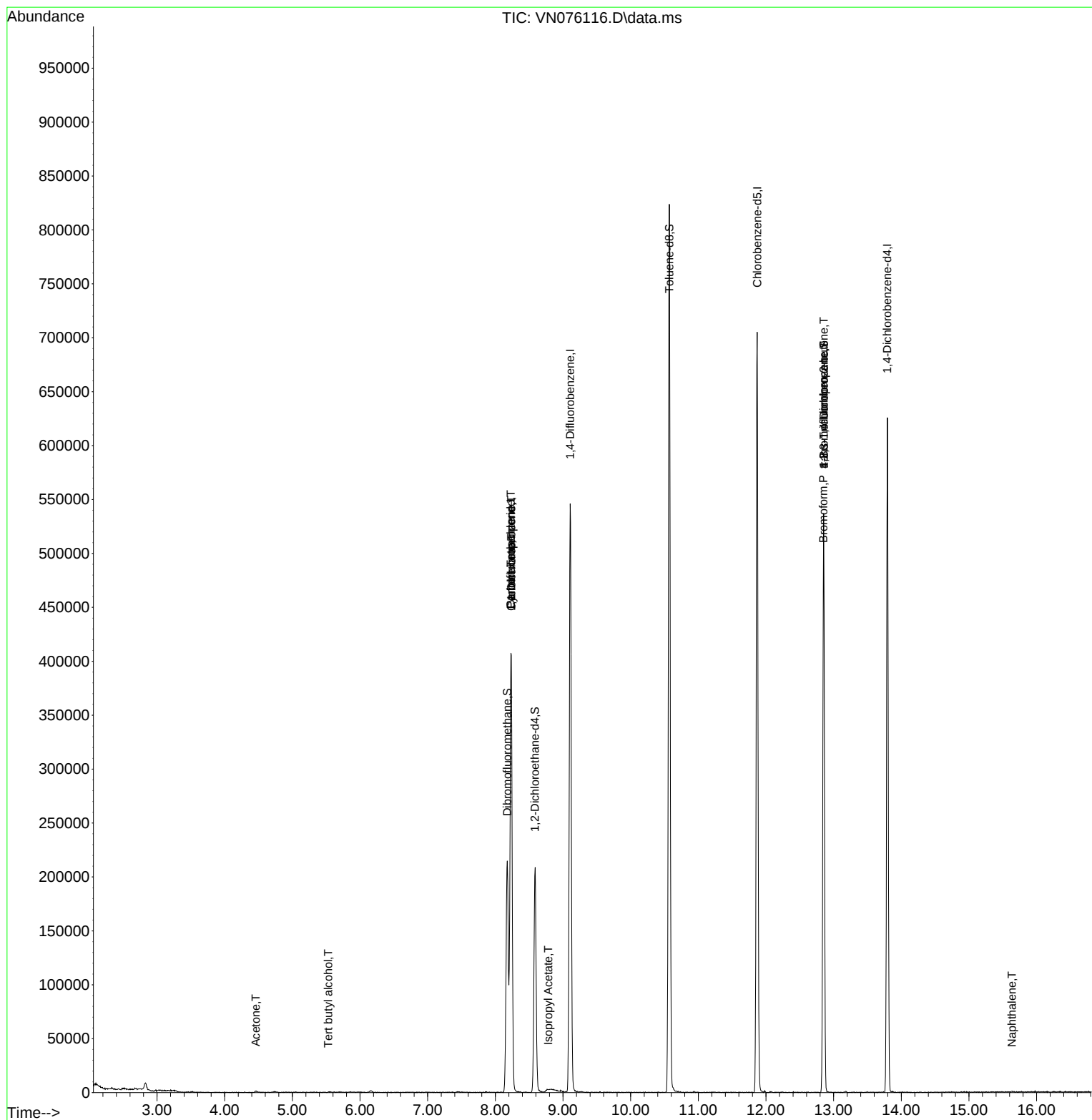
Internal Standards						
1) Pentafluorobenzene	8.230	168	315515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	502156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	436341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	173907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	168138	48.984	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.960%
35) Dibromofluoromethane	8.177	113	152082	48.904	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.800%
50) Toluene-d8	10.571	98	579954	49.879	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.760%
62) 4-Bromofluorobenzene	12.853	95	174074	45.202	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.400%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.530	59	282	0.581	ug/l #	72
16) Acetone	4.459	43	2234	1.888	ug/l	88
20) Methylene Chloride	5.301	84	175	Below Cal	#	45
31) Cyclohexane	8.236	56	6560	1.334	ug/l #	24
36) 1,1-Dichloropropene	8.236	75	22490	5.444	ug/l #	50
38) Carbon Tetrachloride	8.230	117	31624	6.840	ug/l #	19
43) Isopropyl Acetate	8.783	43	2326	0.425	ug/l #	50
71) Bromoform	12.847	173	819	0.339	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	91436	26.083	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	91436	93.887	ug/l #	12
95) Naphthalene	15.635	128	609	2.239	ug/l #	69

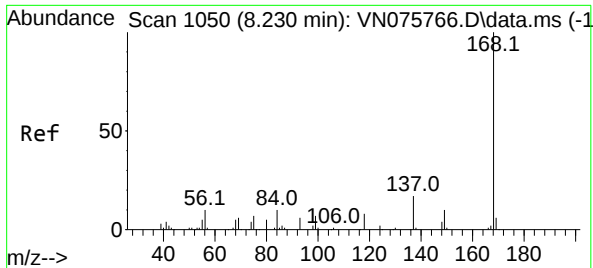
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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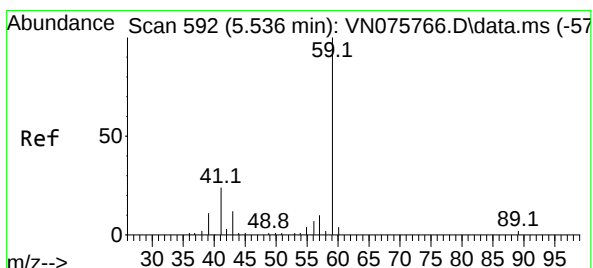
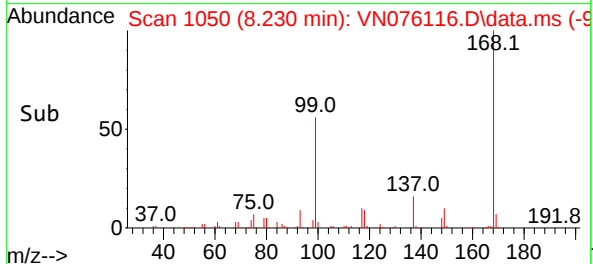
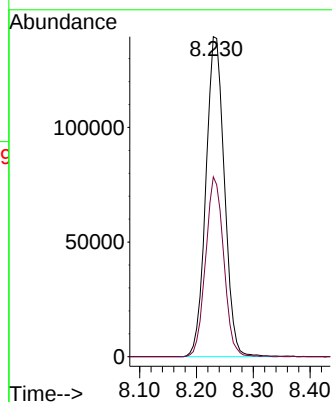
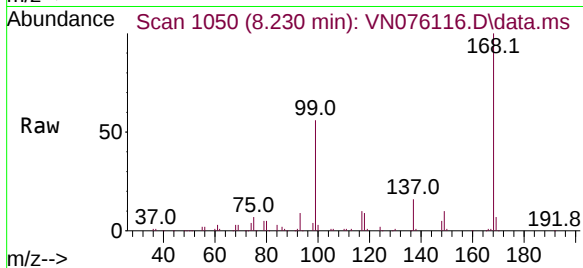




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076116.D
Acq: 05 Jan 2023 17:16

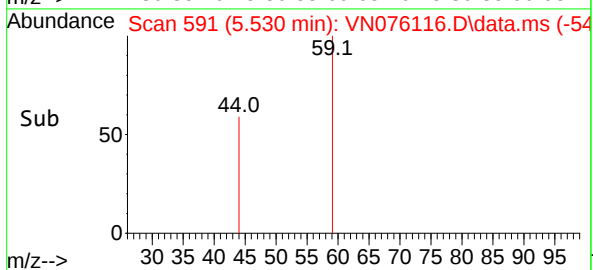
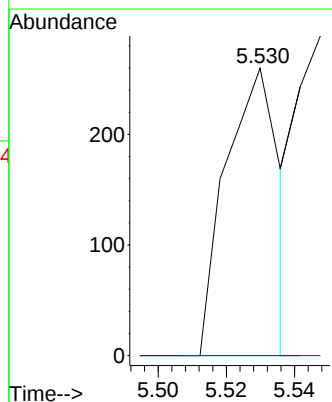
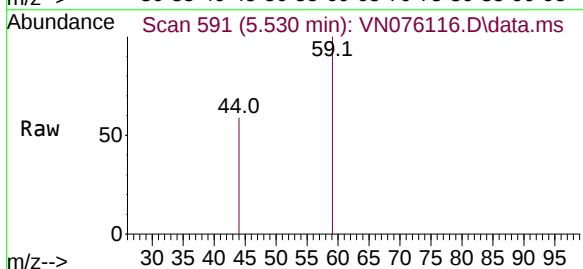
Instrument : MSVOA_N
ClientSampleId : COMP-SAMPLE-TANK-10-34-35

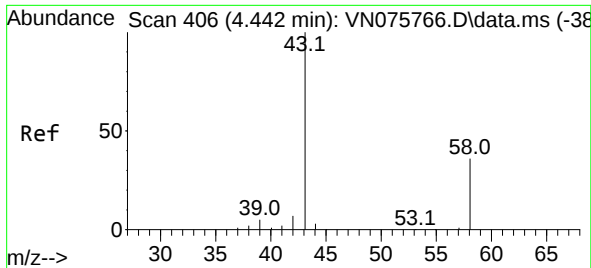
Tgt Ion:168 Resp: 315515
Ion Ratio Lower Upper
168 100
99 56.2 44.2 66.4



#11
Tert butyl alcohol
Concen: 0.581 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN076116.D
Acq: 05 Jan 2023 17:16

Tgt Ion: 59 Resp: 282
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#16

Acetone

Concen: 1.888 ug/l

RT: 4.459 min Scan# 409

Delta R.T. 0.018 min

Lab File: VN076116.D

Acq: 05 Jan 2023 17:16

Instrument :

MSVOA_N

ClientSampleId :

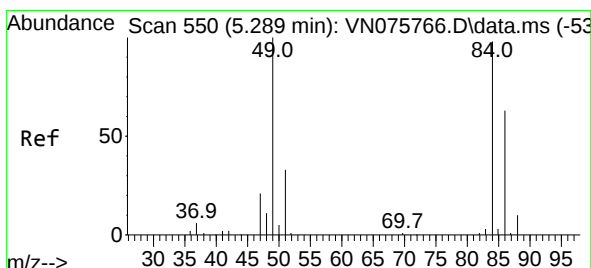
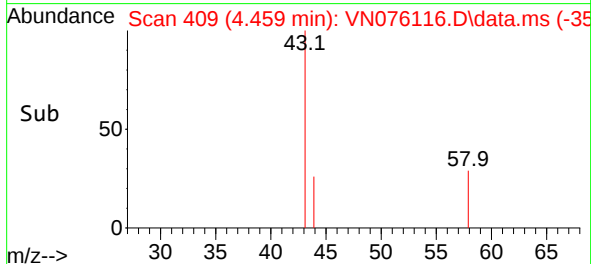
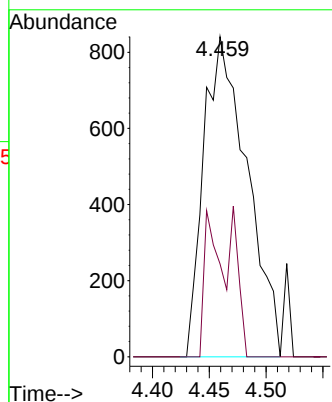
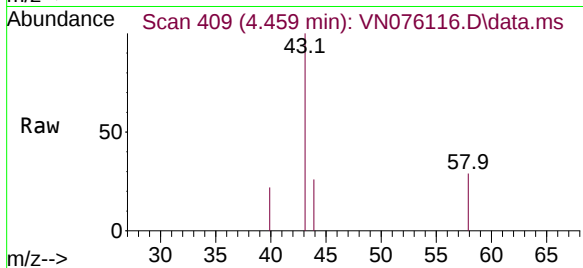
COMP-SAMPLE-TANK-10-34-35

Tgt Ion: 43 Resp: 2234

Ion Ratio Lower Upper

43 100

58 29.0 28.6 43.0



#20

Methylene Chloride

Concen: Below Cal

RT: 5.301 min Scan# 552

Delta R.T. 0.012 min

Lab File: VN076116.D

Acq: 05 Jan 2023 17:16

Tgt Ion: 84 Resp: 175

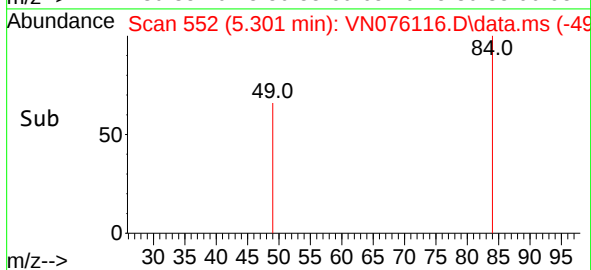
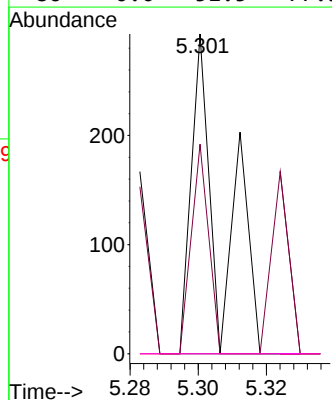
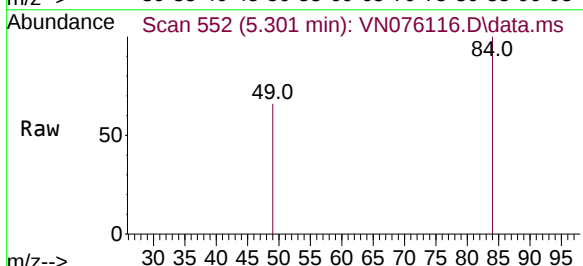
Ion Ratio Lower Upper

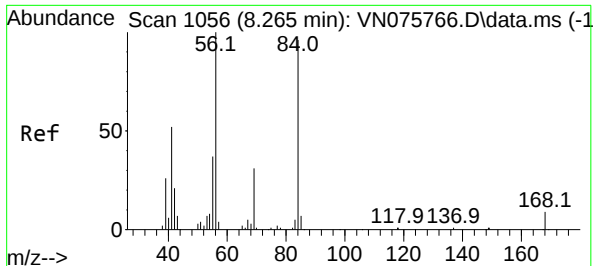
84 100

49 65.5 81.8 122.6#

51 0.0 26.7 40.1#

86 0.0 51.5 77.3#





#31

Cyclohexane

Concen: 1.334 ug/l

RT: 8.236 min Scan# 1051

Delta R.T. -0.029 min

Lab File: VN076116.D

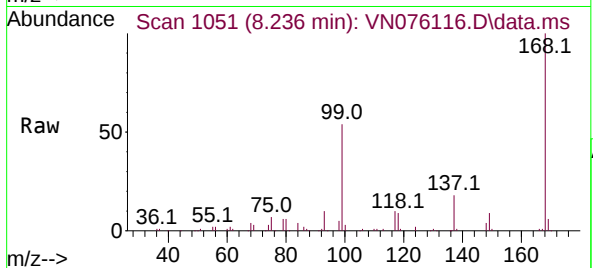
Acq: 05 Jan 2023 17:16

Instrument :

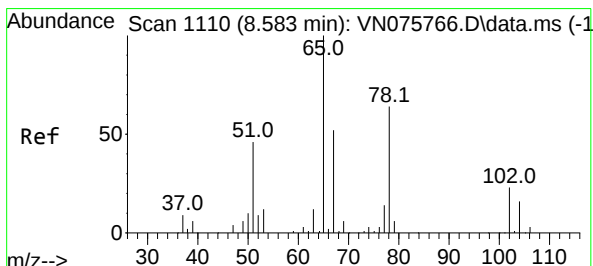
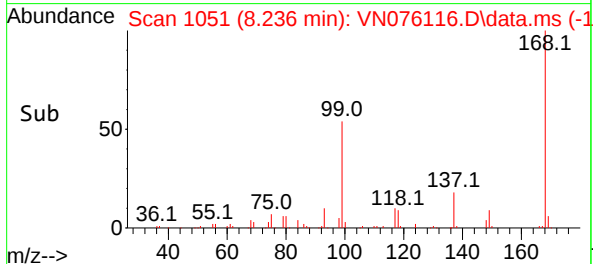
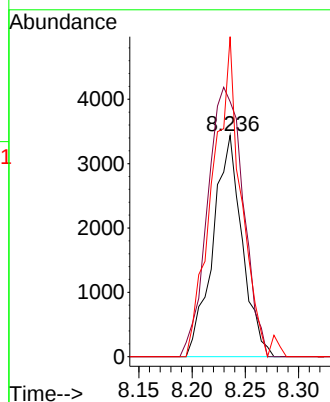
MSVOA_N

ClientSampleId :

COMP-SAMPLE-TANK-10-34-35



Tgt Ion: 56	Resp: 6560
Ion Ratio	Lower Upper
56	100
69	115.3 24.7 37.1#
84	144.6 76.5 114.7#



#33

1,2-Dichloroethane-d4

Concen: 48.984 ug/l

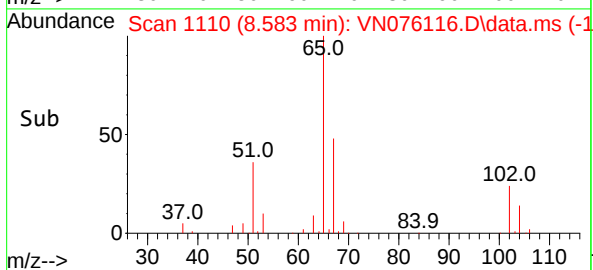
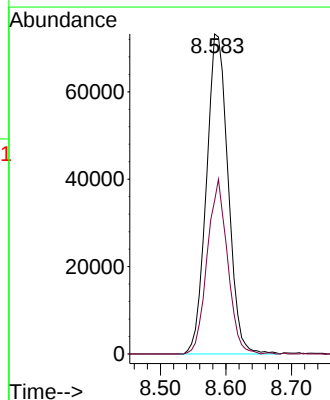
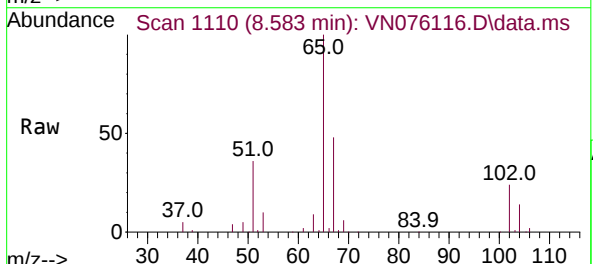
RT: 8.583 min Scan# 1110

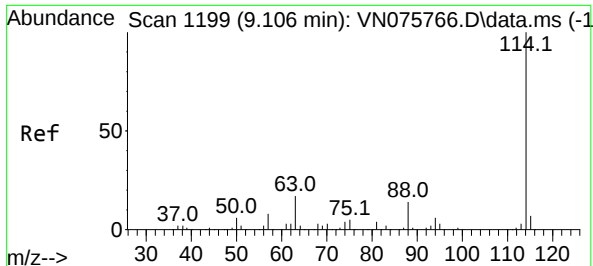
Delta R.T. 0.000 min

Lab File: VN076116.D

Acq: 05 Jan 2023 17:16

Tgt Ion: 65	Resp: 168138
Ion Ratio	Lower Upper
65	100
67	51.1 0.0 103.4

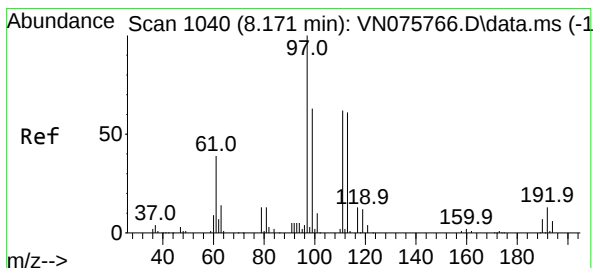
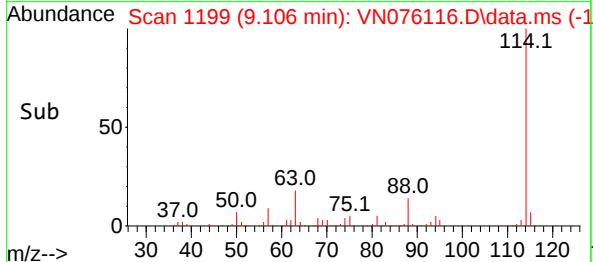
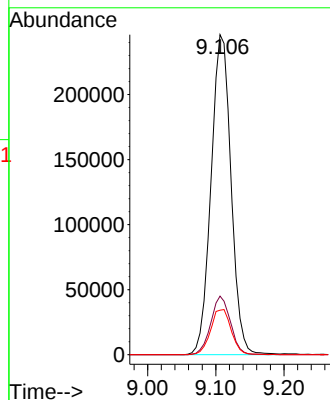
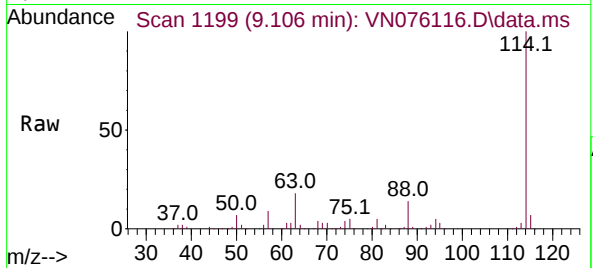




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076116.D
Acq: 05 Jan 2023 17:16

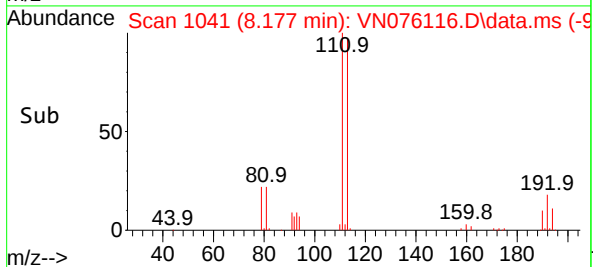
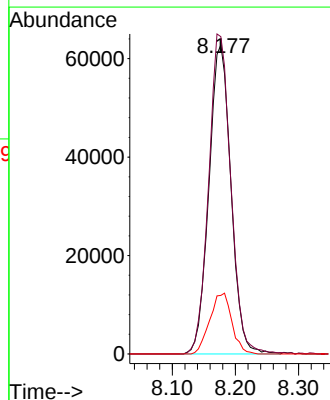
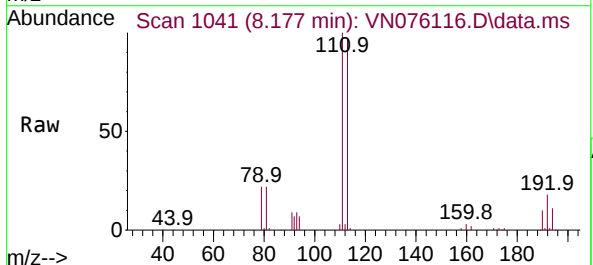
Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLE-TANK-10-34-35

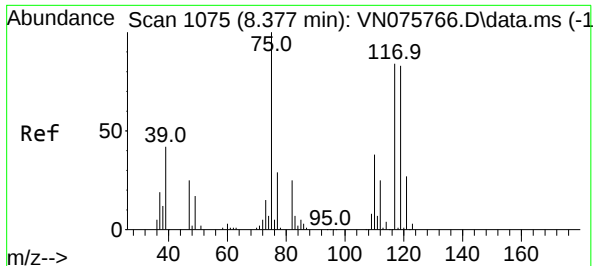
Tgt Ion:114 Resp: 502156
Ion Ratio Lower Upper
114 100
63 18.3 0.0 34.4
88 13.9 0.0 28.8



#35
Dibromofluoromethane
Concen: 48.904 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076116.D
Acq: 05 Jan 2023 17:16

Tgt Ion:113 Resp: 152082
Ion Ratio Lower Upper
113 100
111 104.3 83.4 125.2
192 19.7 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.444 ug/l

RT: 8.236 min Scan# 1051

Delta R.T. -0.141 min

Lab File: VN076116.D

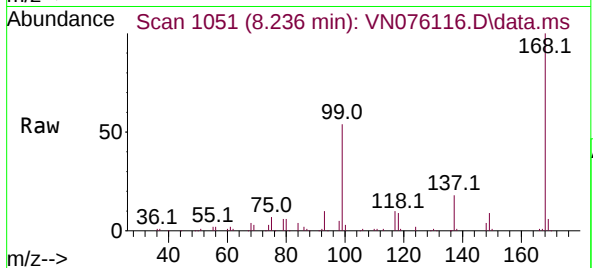
Acq: 05 Jan 2023 17:16

Instrument :

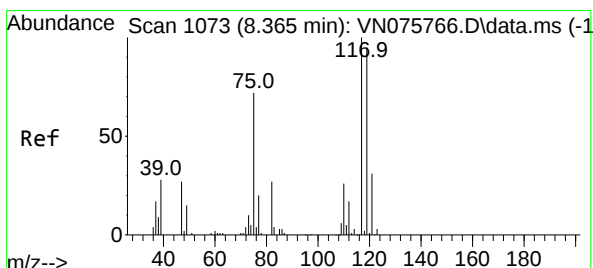
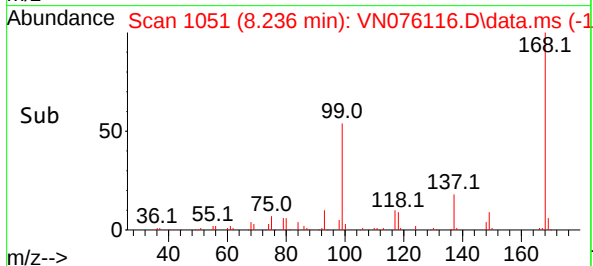
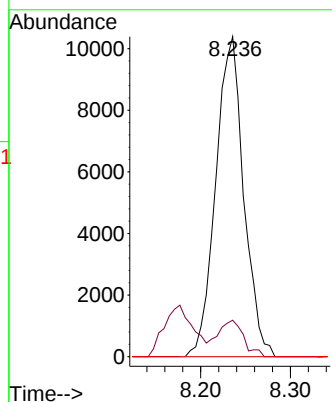
MSVOA_N

ClientSampleId :

COMP-SAMPLE-TANK-10-34-35



Tgt Ion:	75	Resp:	22490
Ion Ratio	Lower	Upper	
75	100		
110	10.7	18.8	56.4#
77	0.0	24.1	36.1#



#38

Carbon Tetrachloride

Concen: 6.840 ug/l

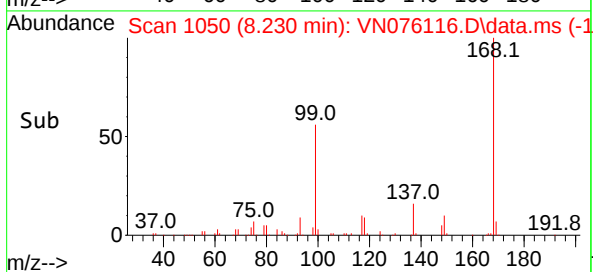
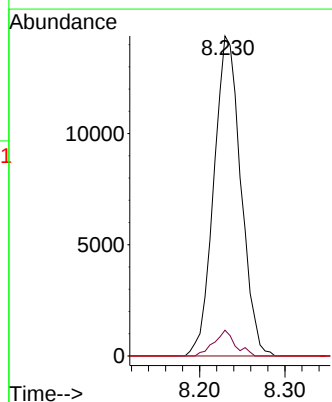
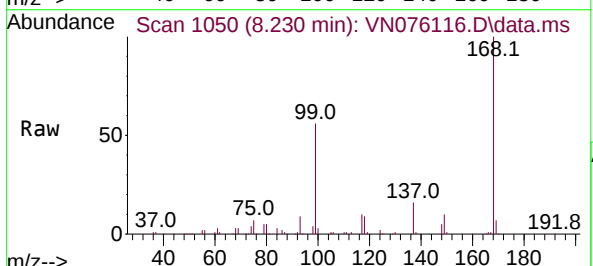
RT: 8.230 min Scan# 1050

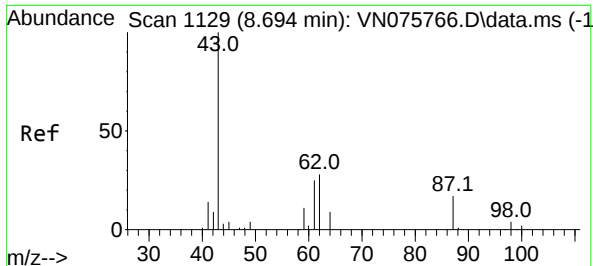
Delta R.T. -0.135 min

Lab File: VN076116.D

Acq: 05 Jan 2023 17:16

Tgt Ion:	117	Resp:	31624
Ion Ratio	Lower	Upper	
117	100		
119	8.0	76.1	114.1#
121	0.0	24.5	36.7#





#43

Isopropyl Acetate

Concen: 0.425 ug/l

RT: 8.783 min Scan# 1129

Delta R.T. 0.088 min

Lab File: VN076116.D

Acq: 05 Jan 2023 17:16

Instrument :

MSVOA_N

ClientSampleId :

COMP-SAMPLE-TANK-10-34-35

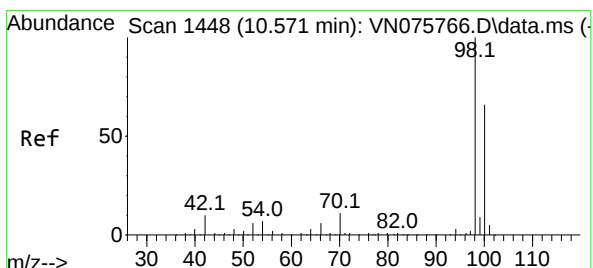
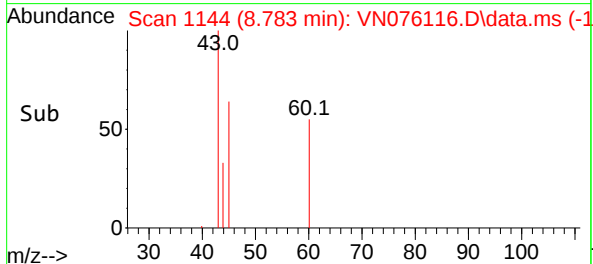
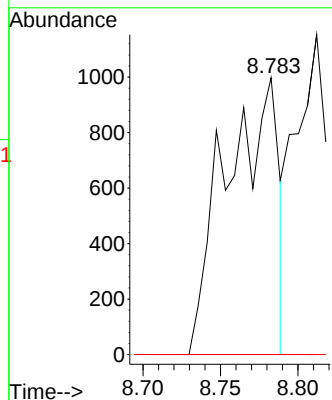
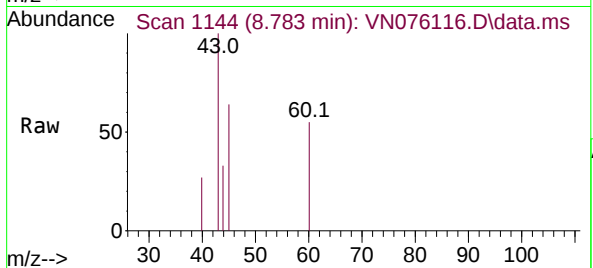
Tgt Ion: 43 Resp: 2326

Ion Ratio Lower Upper

43 100

61 0.0 24.2 36.4#

87 0.0 13.3 19.9#



#50

Toluene-d8

Concen: 49.879 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076116.D

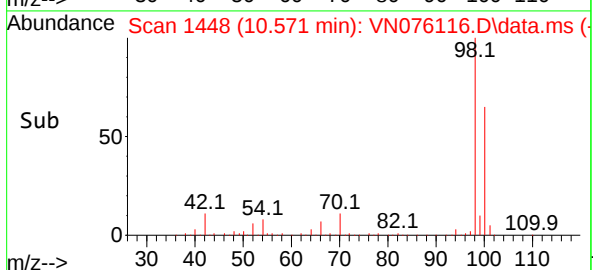
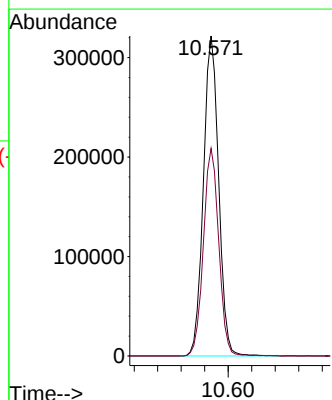
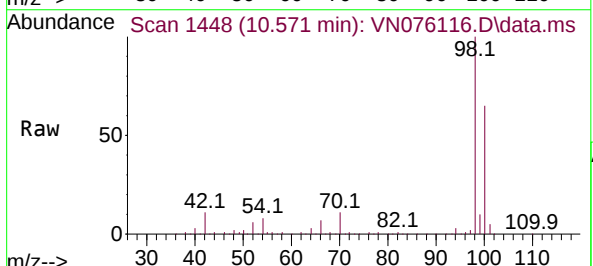
Acq: 05 Jan 2023 17:16

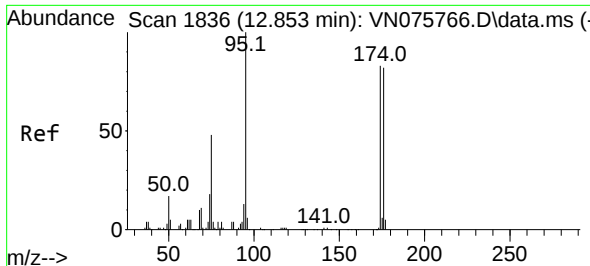
Tgt Ion: 98 Resp: 579954

Ion Ratio Lower Upper

98 100

100 65.3 52.1 78.1

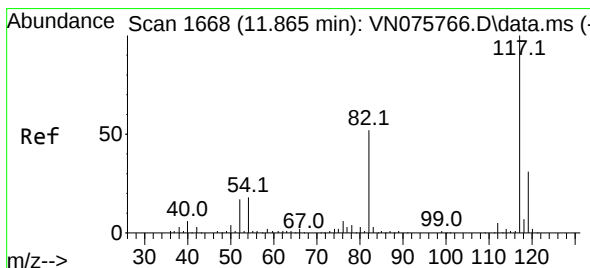
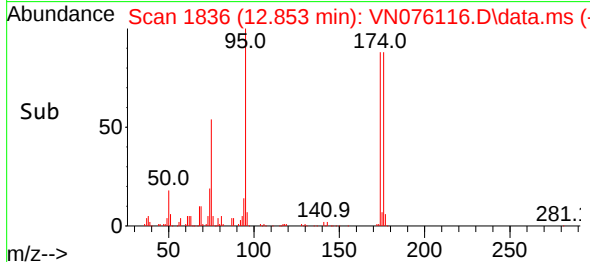
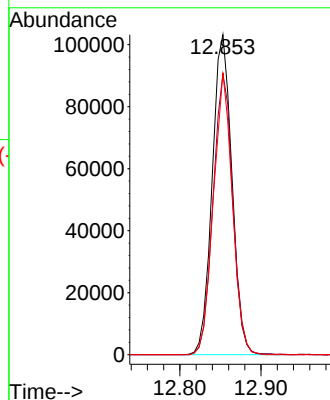
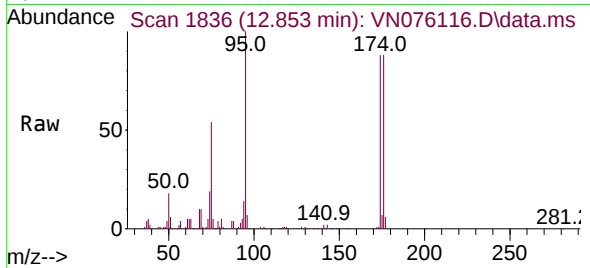




#62
4-Bromofluorobenzene
Concen: 45.202 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076116.D
Acq: 05 Jan 2023 17:16

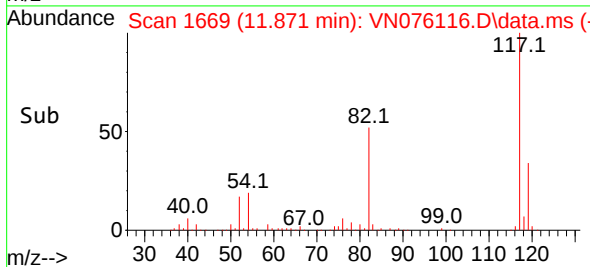
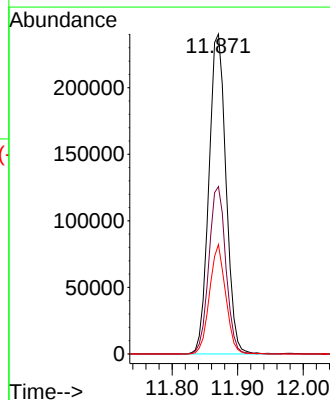
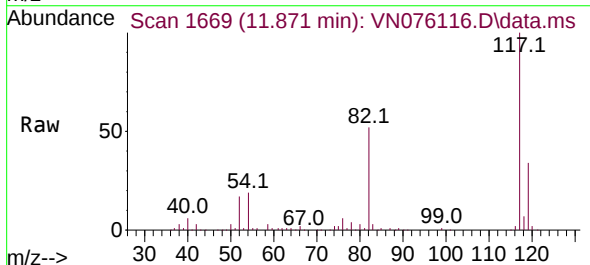
Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLE-TANK-10-34-35

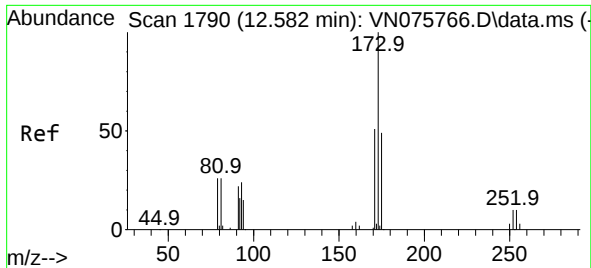
Tgt Ion: 95 Resp: 174074
Ion Ratio Lower Upper
95 100
174 87.8 0.0 171.6
176 84.3 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076116.D
Acq: 05 Jan 2023 17:16

Tgt Ion: 117 Resp: 436341
Ion Ratio Lower Upper
117 100
82 52.3 41.3 61.9
119 34.2 24.6 37.0

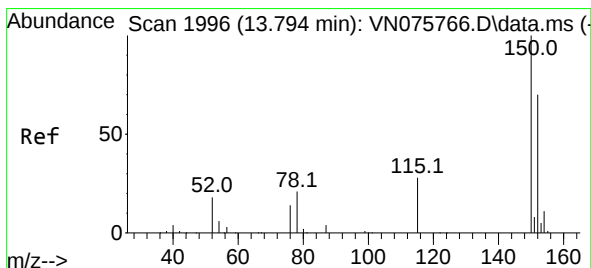
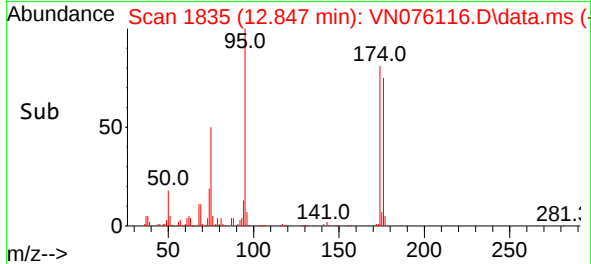
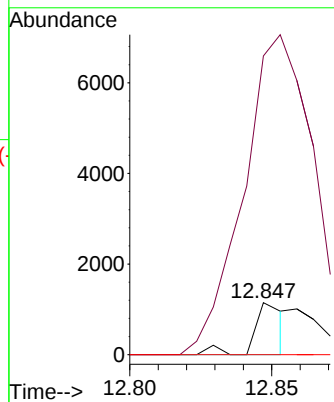
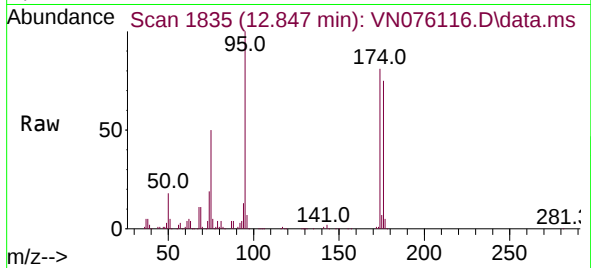




#71
Bromoform
Concen: 0.339 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN076116.D
Acq: 05 Jan 2023 17:16

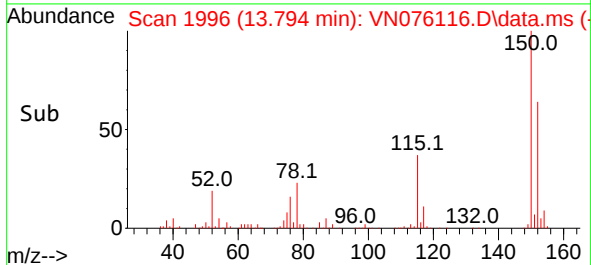
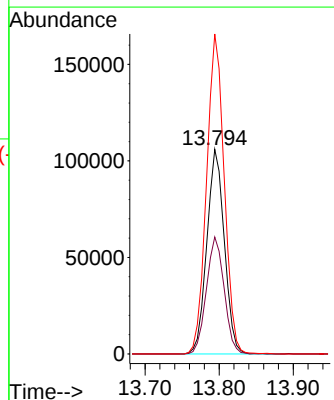
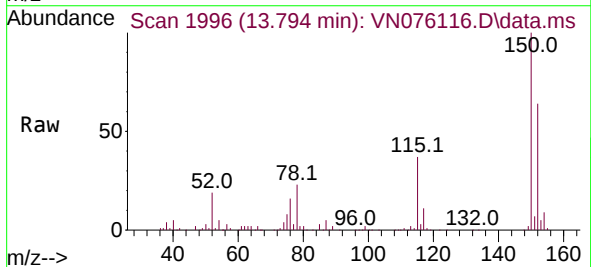
Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLE-TANK-10-34-35

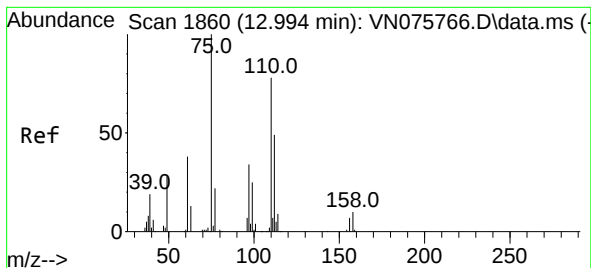
Tgt Ion:173 Resp: 819
Ion Ratio Lower Upper
173 100
175 1172.2 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076116.D
Acq: 05 Jan 2023 17:16

Tgt Ion:152 Resp: 173907
Ion Ratio Lower Upper
152 100
115 57.9 29.1 87.4
150 157.7 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 26.083 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076116.D

Acq: 05 Jan 2023 17:16

Instrument :

MSVOA_N

ClientSampleId :

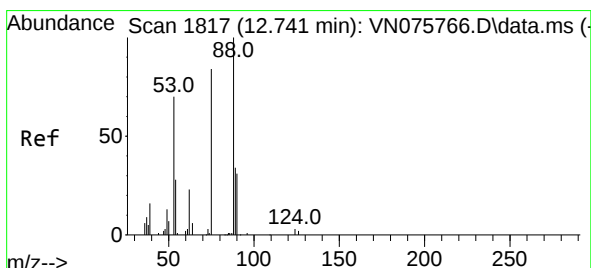
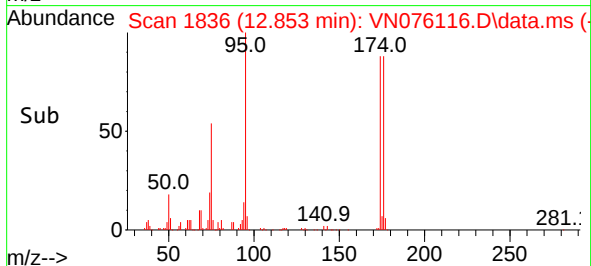
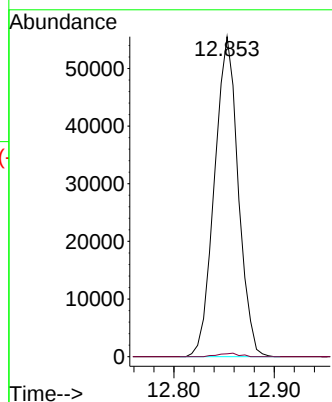
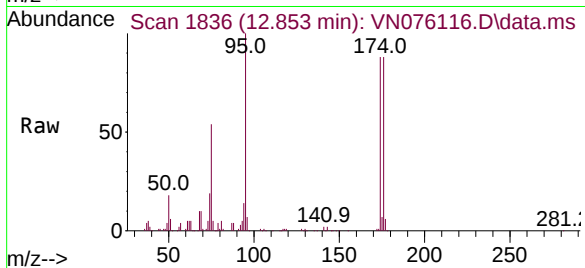
COMP-SAMPLE-TANK-10-34-35

Tgt Ion: 75 Resp: 91436

Ion Ratio Lower Upper

75 100

77 1.0 82.6 247.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 93.887 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.112 min

Lab File: VN076116.D

Acq: 05 Jan 2023 17:16

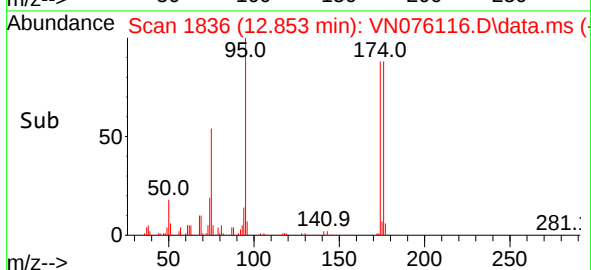
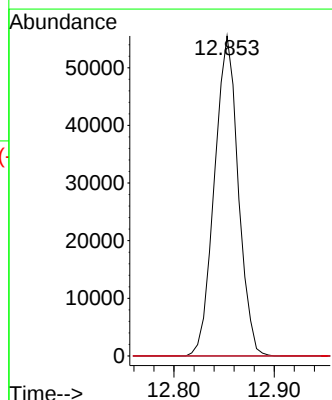
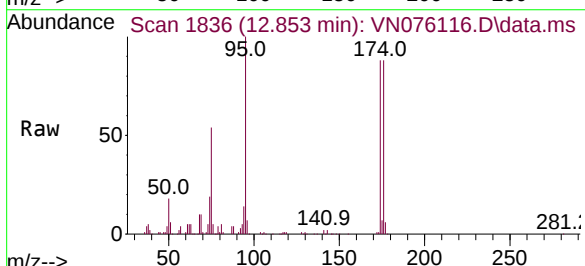
Tgt Ion: 75 Resp: 91436

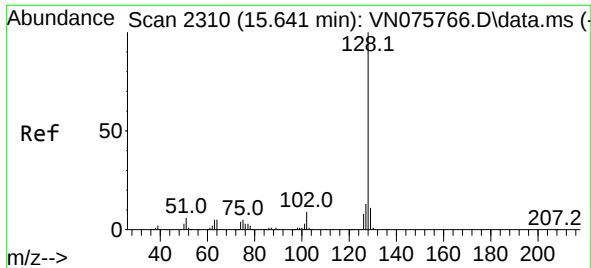
Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

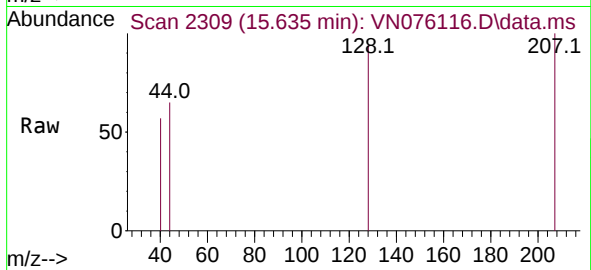
89 0.0 39.5 59.3#





#95
Naphthalene
Concen: 2.239 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN076116.D
Acq: 05 Jan 2023 17:16

Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLE-TANK-10-34-35



Tgt Ion:128 Resp: 609
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#

